



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

August 3, 2017

Maria Pilar Herrero  
Regulatory Affairs Manager  
Valent BioSciences Corporation  
870 Technology Way  
Libertyville, IL 60048

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – Add directions for ornamental use  
Product Name: MaxCel  
EPA Registration Number: 73049-407  
Application Date: 06/8/2017  
OPP Decision Number: 531580

Dear Ms. Herrero:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S. Environmental Protection Agency (EPA). If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false

Page 2 of 2  
EPA Reg. No. 73049-407  
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or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Cody Kendrick by phone at (703) 347-0468 or via email at [kendrick.cody@epa.gov](mailto:kendrick.cody@epa.gov).

Sincerely,



Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure

[Text in brackets [] indicates optional language or language intended for explanatory purposes to facilitate label review. Thus, this language will often not appear on final printed labeling. Also, this page is present (page 1) to delineate sublabels and will not appear on the final printed labeling.]

**MaxCel<sup>®</sup>**  
**PLANT GROWTH REGULATOR**  
**SOLUTION**

[Alternate Brand Names: CytoFlor™ Plant Growth Regulator Solution]



**MASTER LABEL**

Sub-label I: MaxCel<sup>®</sup> Plant Growth Regulator Solution;  
For use on Apple, Pear, Pistachio and Non-Bearing Trees

Sub-label II: MaxCel<sup>®</sup> Plant Growth Regulator Solution  
For use on Ornamentals

| Active Ingredient:      | By Wt. |
|-------------------------|--------|
| 6-benzyladenine.....    | 1.9%   |
| Other Ingredients ..... | 98.1%  |
| Total .....             | 100.0% |

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

EPA Registration No. 73049-407  
EPA Est. No.

Batch Code: \_\_\_\_\_

Registrant:  
Valent BioSciences LLC  
870 Technology Way, Suite 100  
Libertyville, IL 60048  
1-800-6-Valent

Net Contents:

**MaxCel<sup>®</sup>**  
**PLANT GROWTH REGULATOR**  
**SOLUTION**

[SUB-LABEL I]

| Active Ingredient:      | By Wt. |
|-------------------------|--------|
| 6-benzyladenine.....    | 1.9%   |
| Other Ingredients ..... | 98.1%  |
| Total .....             | 100.0% |

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See succeeding panel for First Aid, additional Precautionary Statements, Directions for Use and Storage/Disposal Statements

EPA Registration No. 73049-407

EPA Establishment. No.

Produced for:

Valent BioSciences LLC

870 Technology Way

Libertyville, IL 60048

1-800-6-Valent (682-5368)

Net Content:

This container will treat \_\_\_\_\_acre at the maximum use rate, as directed for use on \_\_\_\_\_.

| <b>FIRST AID</b>  |   |
|---|---|
| If in eyes  | <ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul> |
| <b>HOT LINE NUMBER</b>  |   |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call toll-free 1-800-892-0099 (24 hours) for emergency medical treatment and/or transport emergency information. For all other information, call 1-800-6-Valent (682-5368). |   |

### **PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

#### **Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

Applicators and other handlers for apple and pear uses must wear:

- Long sleeved shirt and long pants
- Chemical-resistant gloves (such as barrier laminate; butyl, nitrile or neo-prene rubber; polyvinyl chloride or viton).
- Shoes plus socks

Applicators and other handlers for pistachio uses must wear:

- Long sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**User Safety Recommendations**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**Environmental Hazards**

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State/Tribal agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- For apple and pear uses: Chemical-resistant gloves (such as barrier laminate; butyl, nitrile or neoprene rubber; polyvinyl chloride or viton)
- For pistachio uses: Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

## GENERAL INFORMATION

**IMPORTANT:** Before application, read all directions thoroughly. **Use MaxCel only as directed.**

MaxCel contains 1.9% (w/w) 6-benzyladenine (6BA). 6BA is a potent plant growth regulator belonging to the group of growth regulators known as cytokinins.

Consult your local Valent Agricultural Specialist (1-800-6-Valent) for specific information regarding the use of this product in your particular orchard(s).

## APPLICATION INSTRUCTIONS

### GENERAL

- Do not apply this product through any type of irrigation system.
- Apply in the morning or evening when conditions are best for slow drying (cooler temperatures and higher humidity), in order to ensure adequate absorption of the product. If applied in the morning, assure that the leaves are not too wet from dew.
- To minimize foaming of spray solution, reduce agitation and add the product to the tank after filling to ½ capacity with water.
- Product performs best at water pH between 5 and 7; do not exceed pH of 8.5.
- No surfactant is required.
- Apply in a sufficient amount of water to ensure thorough coverage without excessive run-off. Use calibrated spray equipment to ensure uniform coverage of leaves and fruit. Adjust water volumes based on tree size and spacing. In many cases, spray volumes of approximately 100 gallons per acre have been shown to be adequate.
- For apple and pear, do not exceed a total of 308 fluid ounces of product (182 grams of 6BA) per acre per season for all uses.

### APPLE

| USE                           | Application Rate   | Product/Acre  | Application method and timing  |
|-------------------------------|--|---|--|
| For enhancement of fruit size | Apply 10 to 50 ppm spray concentration (refer to the dilution table for assistance). | Do not exceed a total of 308 fluid ounces of product per acre | Make 2-4 applications, starting at petal fall, and continuing at 3-10 day intervals. |

#### Additional Instructions:

- Direct 80% of the spray into the upper 2/3<sup>rd</sup> of the tree canopy.
- Applications will be most effective when the maximum temperature is above 65° F on the day of application, and the following 2-3 days.
- Use sufficient volume to ensure complete tree coverage.
- **Do not apply within 86 days of harvest.**

**NOTE:** This use may cause fruit thinning in some easy to thin varieties, and/or under conditions favorable for thinning.

**APPLE and PEAR**

| <b>USE</b>  | <b>Application Rate</b>   | <b>Product/Acre</b>   | <b>Application method and timing</b>   |
|---|---|---|--|
| For fruit thinning, sizing, and enhanced return bloom | Apply 75 to 200 ppm spray concentration (refer to the dilution table for assistance). | Do not exceed a total of 308 fluid ounces of product per acre | Apply when the average diameter of king fruitlets is between 5-15 mm. 10 mm is optimal.<br><br>Do not apply more than twice in a season. |

**Additional Instructions:**

- Direct 80% of the spray into the upper 2/3<sup>rd</sup> of the tree canopy.
- Applications will be most effective when the maximum temperature is above 65° F on the day of application, and the following 2-3 days.
- Use higher rates in orchards that have a history of being difficult to thin, in varieties known to be difficult to thin, and in cool weather situations.
- Use sufficient volume to ensure complete tree coverage.
- **Do not exceed a total of 308 fluid ounces of product (182 grams of 6BA) per acre per season for all uses.**
- **Do not apply within 86 days of harvest.**

**NOTE:** Generally, only one application is sufficient for fruit thinning. If a second application is desired to obtain additional thinning:

1. Allow 7-10 days to observe the effect of the first application.
2. Spray the second application before the average diameter of king fruitlets exceeds 20 mm.

**NON BEARING TREES  
(SUCH AS APPLES, PEARS AND SWEET CHERRY)  
FOLIAR APPLICATION**

| <b>USE</b>  | <b>Application Rate:<br/>Concentration of<br/>a.i. in ppm</b>                 | <b>Product/Acre</b>    | <b>Application method and<br/>timing</b>   |
|---|---|------------------------|--|
| For increased branching of nursery stock and young trees, to improve branch angles, stimulate bud break and improve tree structure. | 250-500 ppm spray concentration (refer to the dilution table for assistance). | 128 oz/40 gal of water | Make the first of 3 to 4 applications at 28-30 inches of growth and continue on a 5-10 day schedule. |

**Additional Instructions:**

- Do not use on trees with fruit intended for harvest.
- Use is not restricted to just the nursery location, but can also be used on young non-bearing trees planted in an orchard.
- Use a backpack sprayer with a single nozzle directed to the shoot tips of each tree.
- Timing of the second to fourth sprays should be when the leader adds five inches of new growth after the last spray (about every 7-10 days).
- Best results are obtained when applied in the morning when temperatures are cooler. Avoid spraying in the afternoon if temperatures are 90 degrees or more.
- Do not tank mix with streptomycin or apply streptomycin on the same day.

**LATEX APPLICATION**

| <b>USE</b>  | <b>Application Rate:<br/>Concentration<br/>of a.i. in ppm</b>     | <b>Product/Acre</b>  | <b>Application method and<br/>timing</b>  |
|---|---|--|---|
| Apples (Nursery and Young Orchard)<br><br>For increasing lateral bud break and shoot growth, improve branch angles, and provide a better tree framework for early cropping. | 5,000 to 7,500 ppm (0.2-0.33 pint MaxCel per pint of latex paint) | Do not apply more than 320 oz of MaxCel (20 pints) per acre per season | Apply in the spring when terminal buds begin to swell but before shoots emerge. At the point where branching is desired, uniformly apply the MaxCel – latex paint mixture with a brush or sponge to cover the bark surface thoroughly. Apply only to one year old wood. |

**NOTE:** Do not apply the MaxCel – latex paint mixture after bud break. Applications after buds have broken have been known to cause some injury to the tender shoot tips and fail to promote shoot growth from that point.

**NOTE:** Any type of application of MaxCel to non-bearing pears and non-bearing sweet cherries has a one year pre harvest interval.

**PISTACHIO**

| <b>USE</b>                                      | <b>Application Rate</b>   | <b>Product/Acre</b>  | <b>Application method and timing</b>  |
|---|---|--|---|
| To increase yield, and reduce alternate bearing | Apply 25-50 ppm spray concentration (refer to the dilution table for assistance). | Do not exceed 50 fluid ounces of product per acre per application. | Always make two applications:<br>1st: Early-to-mid June<br>2nd: Early-to-mid July |

**Additional Instructions:**

- Apply in a tank mix with low biuret urea foliar nutritional spray at the rate of 6.25 - 12.5 lbs nitrogen per acre at both spray timings.
- Use sufficient volume to ensure complete tree coverage.
- **Do not exceed 50 fluid ounces of product per acre per application.**
- **Do not apply within 60 days of harvest.**

**MaxCel Dilution Table**

Fluid ounces of MaxCel per 100 gallons of spray required to obtain given ppm concentration

| <b>10 ppm</b>   | <b>25 ppm</b> | <b>50 ppm</b> | <b>75 ppm</b> | <b>100 ppm</b> | <b>125 ppm</b> | <b>150 ppm</b> | <b>175 ppm</b> | <b>200 ppm</b> |
|---|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|
| 6   | 16            | 32            | 48            | 64             | 80             | 96             | 112            | 128            |
| Note: MaxCel contains 75 grams active ingredient per 128 fluid ounces (one gallon). |               |               |               |                |                |                |                |                |

**Compatibility With Other Agricultural Products**

Information on tank mix compatibility of MaxCel is limited at this time.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store product in a cool and dry place.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must be disposed of on-site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available. If recycling is not available puncture and dispose of the container in a sanitary landfill, or by other procedures approved by state and local authorities.

**MaxCel<sup>®</sup>  
Plant Growth Regulator  
Solution**

**[Alternate Brand Name: CytoFlor<sup>™</sup> Planet Growth Regulator Solution]**

**[SUB-LABEL II]**

For Use on Ornamentals

| <b>Active Ingredient:</b> | <b>By Wt.</b> |
|---------------------------|---------------|
| 6-benzyladenine.....      | 1.9%          |
| Other Ingredients .....   | 98.1%         |
| Total .....               | 100.0%        |

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See succeeding panel for First Aid, additional Precautionary Statements, Directions for Use and Storage/Disposal Statements

EPA Registration No. 73049-407  
EPA Est. No.

Produced for:  
Valent BioSciences LLC  
870 Technology Way  
Libertyville, IL 60048  
1-800-6-Valent (682-5368)

Net Content:

This container will treat \_\_\_\_\_acre at the maximum use rate, as directed for use on \_\_\_\_\_.

| <b>FIRST AID</b>   |   |
|--|---|
| If in eyes   | <ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul> |
| If on skin or clothing   | <ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>   |
| <b>HOT LINE NUMBER</b>   |   |
| <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call toll-free 1-800-892-0099 (24 hours) for emergency medical treatment and/or transport emergency information. For all other information, call 1-800-6-Valent (682-5368).</p> |   |

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

**Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Chemical-resistant gloves (such as barrier laminate; butyl, nitrile or neo-prene rubber; polyvinyl chloride or viton).
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### **User Safety Recommendations**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### **ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State/Tribal agency responsible for pesticide regulation.

**IMPORTANT:** Before application, read all directions on the label thoroughly. Use MaxCel<sup>®</sup> Plant Growth Regulator Solution (hereafter referred to as MaxCel) only as directed.

MaxCel contains 6-benzyladenine (6BA) as its active ingredient. 6BA is a potent plant growth regulator belonging to the group of growth regulators known as cytokinins.

**FOR USE IN: COMMERCIAL GREENHOUSES, GLASSHOUSES (WHERE PLANTS ARE GROWN IN CONTAINERS), AND ON ACTIVELY GROWING STOCK**

### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves (such as barrier laminate; butyl, nitrile or neoprene rubber; polyvinyl chloride or viton)
- Shoes plus socks

## **GENERAL INFORMATION**

### **PLANTS**

MaxCel promotes flowering in certain ornamental crops and increases lateral or basal branching. Additionally, applications of MaxCel are known to reduce the overall height of specific plants resulting in more compact and marketable plants.

Plant response to MaxCel is strongly influenced by cultural and environmental variables. Growth media, water/fertilizer management, temperature, light, greenhouse composition, and other cultural practices may impact plant response.

Plant size, container size and cultivar or variety is known to influence treatment response. Although multiple cultivars have been tested for sensitivity to MaxCel and have demonstrated high levels of tolerance, it is impossible to insure an acceptable response in all cultivars. For first time users of MaxCel or when looking at new varieties, always conduct trials on a limited number of plants to determine crop response.

Consult your local Mycorrhizal Applications Agricultural Specialist (866-476-7800) for specific information regarding the use of this product in your particular nursery or orchard(s).

## APPLICATION INSTRUCTIONS

### GENERAL

- Apply MaxCel as a foliar spray using standard foliar application spray equipment.
- Make sure that sufficient volumes of water are used to thoroughly wet foliage. Spray uniformity is equally important.
- Uniformly apply 1-2 quarts of finished spray solution to 100 sq. ft. of area.
- A high quality wetting agent or spray adjuvant, approved for use on your crop, may be added to spray solutions according to the manufacturer's use instructions.

### DIRECTIONS FOR USE

#### **Christmas Cactus (*Schlumbergera* spp.):**

MaxCel can be applied as a foliar spray to:

**To increase branching when the plant is growing vegetatively:** Apply MaxCel at 100 ppm as an uniform foliar spray after planting when new vegetative growth begins.

**To increase the number of flower buds under reproductive conditions:** Apply MaxCel at 100 to 200 ppm as a uniform foliar spray after the start of short days following leveling, or when flower buds become visible. Specific guidelines, as indicated below, are based on lighted or natural season grown plants

- For floral initiation under short day conditions (i.e., lighting/black cloth): Wait 5 to 10 days after the start of short days to level by removing immature phylloclades. Make a single application of MaxCel immediately following or 1 day after leveling.
- For floral initiation under natural environmental conditions: Make a single application of MaxCel after flower buds first become visible (i.e., pinpoint bud stage). Timing of first visible bud will vary by cultivar. Avoid early applications which will result in phylloclade promotion and delayed flowering.

#### **Plantain Lily (*Hosta* spp.):**

Use of MaxCel on *Hosta* has been shown to promote lateral growth of finished plants by inducing the outgrowth of axillary and rhizomic buds. MaxCel can also be used to increase offsets during propagation.

**For the promotion of lateral growth on finished plants:** Apply MaxCel at rates ranging from 1000 – 3000 ppm in a uniform spray volume. MaxCel is most effective when plants are fully established prior to application (i.e., at least 3 to 4 weeks after potting), when there is evidence of surface root development, but before flower initiation.

**For increased production of offsets (propagation):** Using uniform spray volumes spray MaxCel at rates ranging from 1000 – 3000 ppm to fully established, actively growing stock plants. Repeat the application at 30-day intervals during the growing season. Offsets may be harvested at any time.

Treatment effects may vary by *Hosta* cultivar. Different cultivars respond differently to a given rate of CytoFlor. Multiple applications at 30-day intervals using lower rates may be more effective than a single application at higher rates. Conduct trials on a small number of plants under actual use conditions to establish the proper use rates and timings.

#### APPLICATION INSTRUCTIONS FOR USE ON CONTAINERIZED ANNUAL AND PERENNIAL FLOWERING AND FOLIAGE CROPS AND TROPICAL PLANTS

- Apply MaxCel as a foliar spray when plants are fully established and under active growth i.e., at least 3 to 4 weeks after potting.
- Apply MaxCel at rates ranging from 50 to 500 ppm.
- Apply in a uniform spray volume of 2 quarts per 100 square feet of area. Cultivars within the same species may respond differently to a given rate of MaxCel. For first time users of MaxCel, always treat a limited number of plants starting with 50 ppm on annuals and 100 ppm on perennials and tropical plants; study for plant responses and adjust rates accordingly.
- Multiple applications of MaxCell at 7-10 day spray intervals are often necessary to achieve optimum results i.e., increased lateral growth.
- MaxCel can cause significant injury to *Exacum*. DO NOT use MaxCel on this species.
- MaxCel has been shown to cause a significant delay in flowering on *Gaillardia*. DO NOT apply MaxCel to *Gaillardia* more than once during the production cycle.

#### MaxCel Dilution Table

Fluid ounces of MaxCel per 100 gallons of spray required to obtain given ppm concentration

| 50<br>ppm | 100<br>ppm | 200<br>ppm | 300<br>ppm | 400<br>ppm | 500<br>ppm | 900<br>ppm | 1000<br>ppm | 2000<br>ppm | 3000<br>ppm |
|-----------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|
| 32        | 64         | 128        | 192        | 256        | 320        | 576        | 640         | 1280        | 1920        |

Note: MaxCel contains 75 grams active ingredient per 128 fluid ounces (one gallon).

#### Compatibility With Other Agricultural Products

Information on tank mix compatibility of MaxCel is limited at this time.

### **STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store product in a cool and dry place.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must be disposed of on-site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available. If recycling is not available puncture and dispose of the container in a sanitary landfill, or by other procedures approved by state and local authorities.

### **WARRANTY AND DISCLAIMER STATEMENT**

To the fullest extent permitted by law, seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning use of this product other than as indicated on the label. To the fullest extent permitted by law, user assumes all risks of use, storage or handling not in strict accordance with accompanying directions.

MaxCel® is a registered trademark of Valent BioSciences LLC.